

MASS DOC

TURNING



INTO





DOC Goals to WasteWise

PREVENTION

Reduce the number of trash pickups at all DOC sites by 30% after one year of recycling operation

Establish a 2 sided copying directive at all DOC facilities by 12/103.

Increase use of electronic messages by 50% for issuing DOC studies and reports by 6/30/04

RECYCLING COLLECTION:

To institute a recycling program for all plastics at DOC facilities by June 30, 2004. (Currently we recycle cardboard, paper and tin/aluminum cans.

RECYCLED PURCHASING

Establish guidelines for all purchases that give preference to vendors who use recycled material in products or packaging.



IRN'S MIXED PAPER RECYCLING

MATERIALS NOT ALLOWED IN THE MIX

No Plastic (Strapping, Bags,
Film...Etc.)

Cardboard or Boxboard

Textbooks

Food Waste

CD's

Chemicals

Metals or Glass

Ink or Toner Cartridges

NO TRASH – please...

Non-Paper Material Of Any
Kind

MATERIALS ALLOWED IN MIX

✓ Mixed Office Paper

Newspaper

✓ Inserts

✓ Magazines

✓ Junk Mail

✓ Window envelopes,

✓ staples

and

paperclips

Helpful Hints for Staff

Cardboard Recycling

- ◆ 7-8 hampers should make 1 bale
- ◆ Wax cardboard is the most common contaminate
- ◆ Cardboard is best defined as box material that has corrugated "flutes" between outer layers of thick brown paper
- ◆ Brown paper (kraft) bags can be baled with cardboard
- ◆ Bales normally weigh 1000 pounds
- ◆ A truckload of cardboard is 38-44 bales

Mixed Paper

- ◆ Defined as "anything that rips"
- ◆ Refer to specification sheet
- ◆ No need to bale
- ◆ Use gaylord containers for storage and shipping
- ◆ Gaylords should be set on sturdy 4-way wooden pallets
- ◆ Average full gaylord of paper weighs 400-600 pounds



Helpful Hints for Staff

Plastic Bottles & Jugs

- ◆ Primary focus is on HDPE (#2) jugs
- ◆ Jugs must be sorted into color type in separate gaylords before processing
- ◆ There is a difference between "clear" (see through) and "semi clear" (can't see though) plastic jugs--keep separate
- ◆ Rinse all jugs before storing
- ◆ Take off all caps from jugs before storing
- ◆ Full gaylord of plastic jugs weighs 50-100 pounds

Steel Cans

- ◆ Cutting off ends and flattening at kitchen (before putting in hampers or bags) works best
- ◆ When baling, put a full piece of cardboard at the bottom of baler
- ◆ When finishing off a bale of steel cans, put a full piece of cardboard at top of baled, then ties of baling wire.
- ◆ It takes 7-8 gaylords of flattened steel cans to make a bale
- ◆ It takes 14-16 gaylords of non-flattened steel cans to make a bale





Results

over 3 month period @ 1 facility

Recycled:

- ◆ 16.6 tons cardboard
- ◆ 2.02 tons paper
- ◆ 1.5 tons metals

Savings:

- ◆ Would have cost \$2500 to dispose of
- ◆ Actually cost \$53 to recycle

Savings from Contract Changes

Fiscal Year 2004

DOC Rubbish Pick-Up Changes ~ Recycling Savings

		Description		Projected
Date	Facility	Change		Savings
				Fiscal Year 04
27-Oct-03	MCI Norfolk	Remove 40 yd container which is currently used for cardboard; they will send their cardboard to the recycling center.	\$25.00 per month = \$200 \$180 per haul x approx 8 = \$1440	\$ 1,640.00
12-Oct-03	MCI Shirley	Remove 10 yd cardboard container.	\$60.00 per month = \$480	\$ 480.00
05-Nov-03	MCI Shirley	Remove 35 yd HSU Compactor	\$200 per month x 7 = \$1,400 \$345 haul x approx 33 = \$11,385	\$ 12,785.00
06-Nov-03	NCCI Gardner	Change schedule of the 35 yd Compactor @ D-Building from each Tuesday to every other Tuesday effective 11/18/03	17 less hauls @ \$270 = \$4,590	\$ 4,590.00

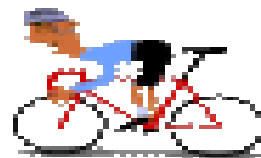


Agency-Wide Savings

			<u>Savings</u>	<u>Savings</u>
<u>FY 2004</u>	<u>Month</u>	<u>Year to Date</u>	<u>This Month</u>	<u>Year to Date</u>
July-03	\$70,797	\$70,797	\$9,275	\$9,275
August-03	\$63,567	\$134,364	\$12,813	\$22,088
September-03	\$67,420	\$201,784	\$2,615	\$24,703
October-03	\$73,680	\$275,464	\$12,634	\$37,337
November-03	\$59,982	\$335,446	\$9,389	\$46,726

Annual Projected Savings:
\$112,143 (12.8% from trash costs)

Recycling is
like bicycling.



Once you learn,
you never forget.

Recycling Saves Our Future



If not for
yourself, do it
for them.

ENERGY CONSERVATION



Energy
Watchdog
says
“Use Wisely”

Turn off lights,
monitors and
computers

BE WISE



USE BOTH SIDES







